

IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1. (Currently Amended) A method of scheduling a plurality of HARQ processes ~~process-configuration~~ involving packet combining in a mobile communication system, wherein a plurality of HARQ processes are established in a transmitter and a receiver, the method comprising the steps of:

configuring a plurality of HARQ processes of unrestricted use for data flows having predetermined quality of service (QoS) ~~different QoS~~ requirements and

configuring ~~pre-configuring~~ at least one reserved HARQ process for data flows of specific QoS requirements, wherein the reserved HARQ process supports a lower modulation coding scheme level compared with the modulation coding scheme level of said plurality of HARQ processes of unrestricted use.

2. (Canceled).

3. (Currently Amended) The method according to claim 1 ~~or 2~~ comprising the additional steps of:

scheduling the a plurality of data flows from at least one priority queue and emptying the priority queue to one or the a plurality of configured HARQ processes for transmission.

4. (Currently Amended) The method according to claim one of claims 1 or 2, wherein the reserved ~~and/or additional~~ HARQ process has a less complete limited functionality compared with the a plurality of HARQ processes of unrestricted use.

5. (Canceled).

6. (Currently Amended) The method according to claim one of claims 1 or 2, wherein the reserved ~~and/or additional~~ HARQ process supports a lower maximum possible/lower transport format resource combination (TFRC) compared with the transport format resource combination of the plurality of HARQ processes.

7. (Currently Amended) The method according to claim one of claims 1 or 2, wherein the reserved ~~and/or additional~~ HARQ process supports Chase Combining or Incremental Redundancy according to an available memory size in a the soft buffer.

8. (Currently Amended) The method according to claim one of claims 1 or 2, wherein for the reserved ~~and/or additional~~ HARQ process, a smaller soft buffer size is reserved at the receiver compared with that reserved for the one of a plurality of HARQ processes.

9. (Currently Amended) The method according to claim one of claims 1 or 2, wherein the transmitter signals to the receiver to use a separate re-ordering buffer for the reserved ~~and/or additional~~ HARQ process.

10. (Currently Amended) The method according to ~~one of claims~~ claim 1, wherein an

identification for the reserved HARQ process identification is signaled ~~signalled~~ to the receiver.

11. (Currently Amended) The method according to claim ~~one of claims 1 or 2~~, wherein the number of reserved processes and the number of the plurality of HARQ processes ~~and/or functionality of additional processes~~ are matched to the round trip delay (RTD) caused by transmission time and processing time at the receiver and the transmitter.

12. (Original) The method according to claim 1, wherein the number of configured HARQ processes varies dynamically in accordance with a system parameter.

13. (Currently Amended) The method according to claim ~~2 or~~ 12, wherein the system parameter is one of the plurality of round trip time, processing time, traffic burstiness, quality of service, modulation coding scheme, timing of shared channels and minimum transmission time interval.

14. (Currently Amended) The method according to claim ~~one of claims 1 or 2~~, wherein a configuration for the an HARQ processes ~~process configuration~~ is signaled ~~signalled~~ from the transmitter to the receiver by an HARQ protocol control packet.

15. (Currently Amended) The method according to claim 14, wherein the an HARQ protocol control packet is identified by inband signaling ~~signalling~~.

16. (Currently Amended) The method according to claim 14, wherein the signaling is performed ~~control information may be signalled~~ explicitly or implicitly.

17. (Canceled).